



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 4

Test Date: March 2009
Code: 11911460
SAU: York School Department
School: Coastal Ridge Elementary

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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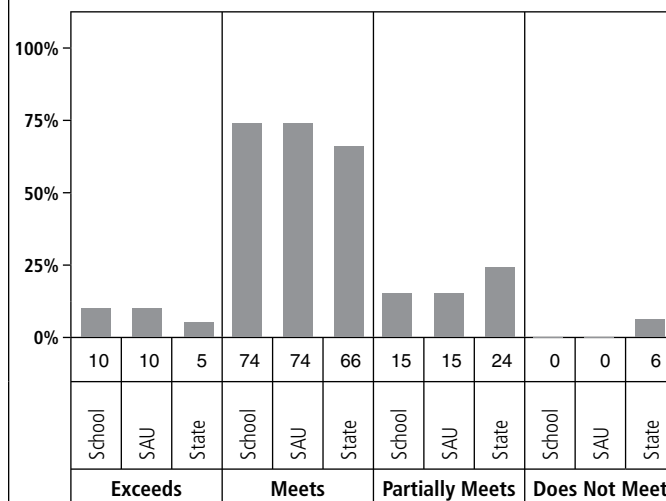
SUMMARY OF SCORES

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

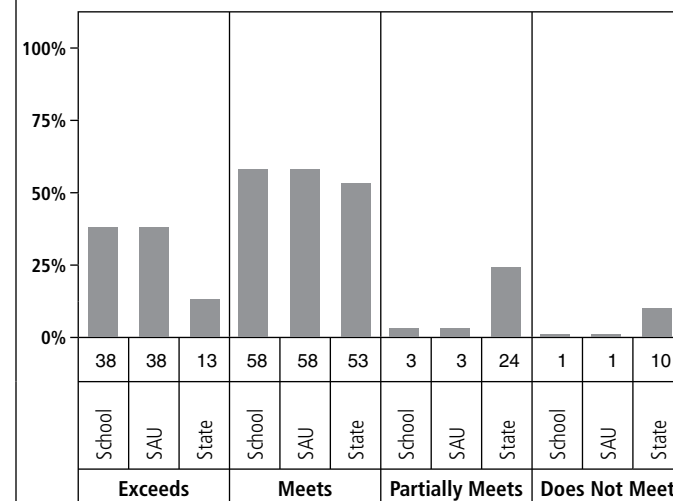
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	450	450	445
2007–2008	450	450	445
2008–2009	451	451	446
Cum. Avg.*	450	450	445
Mathematics			
2006–2007	453	453	445
2007–2008	453	453	445
2008–2009	458	458	446
Cum. Avg.*	455	455	445

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	145	100	145	100	13805	100	143	99	143	99	13737	100	144	99	144	99	13746	100						
Ethnicity African American/Black	5	3	5	3	419	3	5	100	5	100	410	98	5	100	5	100	416	99						
American Indian or Native Alaskan	1	1	1	1	125	1	1	100	1	100	124	99	1	100	1	100	124	99						
Asian or Pacific Islander	1	1	1	1	229	2	0	0	0	0	223	97	1	100	1	100	227	99						
Hispanic	3	2	3	2	149	1	2	67	2	67	148	99	2	67	2	67	148	99						
Caucasian/White	135	93	135	93	12883	93	135	100	135	100	12832	100	135	100	135	100	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	15	10	15	10	2383	17	15	100	15	100	2366	100	15	100	15	100	2364	99						
Current LEP	2	1	2	1	377	3	1	50	1	50	362	96	2	100	2	100	373	99						
Economically disadvantaged	14	10	14	10	5819	42	14	100	14	100	5782	99	14	100	14	100	5788	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	127	88	127	88	10439	76	127	88	127	88	10471	76						
Identified disability (PET/IEP)	3	2	3	2	351	3	3	2	3	2	367	4						
LEP	0	0	0	0	171	2	1	1	1	1	172	2						
504 plan	4	3	4	3	92	1	3	2	3	2	90	1						
Participation with accommodations	16	11	16	11	3142	23	17	12	17	12	3138	23						
Identified disability (PET/IEP)	12	75	12	75	1860	59	12	71	12	71	1860	59						
LEP	1	6	1	6	186	6	1	6	1	6	198	6						
504 plan	0	0	0	0	71	2	1	6	1	6	73	2						
Other	4	25	4	25	1060	34	4	24	4	24	1043	33						
Participation through alternate assessment (PAAP)	0	0	0	0	155	1	0	0	0	0	137	1						
Identified disability (PET/IEP)	0	0	0	0	155	100	0	0	0	0	137	100						
LEP	0	0	0	0	4	3	0	0	0	0	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0												
Approved non-participation – special consideration	0	0	0	0	11	0	0	0	0	0	11	0						
Non-participation – other	2	1	2	1	57	0	1	1	1	1	48	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007	11	7	11	7	507	4
	2007-2008	17	11	17	11	559	4
	2008-2009	15	10	15	10	672	5
	Cum. Total*	43	10	43	10	1738	4
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007	116	78	116	78	8749	63
	2007-2008	114	73	114	73	8308	59
	2008-2009	106	74	106	74	8917	66
	Cum. Total*	336	75	336	75	25974	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007	20	13	20	13	3467	25
	2007-2008	21	13	21	13	3922	28
	2008-2009	22	15	22	15	3241	24
	Cum. Total*	63	14	63	14	10630	26
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007	2	1	2	1	1165	8
	2007-2008	4	3	4	3	1264	9
	2008-2009	0	0	0	0	751	6
	Cum. Total*	6	1	6	1	3180	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	35.3	73.5	35.3	73.5	31.6	65.8
A1/A2 Interconnected Elements/Literary Text	24	50	17.7	73.8	17.7	73.8	16.1	67.1
A1/A3 Interconnected Elements/Informational Text	24	50	17.6	73.3	17.6	73.3	15.5	64.6

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 4
 SAU: York School Department
 School: Coastal Ridge Elementary

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	143	15	10	106	74	22	15	0	0	451	143	10	74	15	0	451	13581	5	66	24	6	446
Ethnicity																						
African American/Black	5	0	0	3	60	2	40	0	0	444	5	0	60	40	0	444	408	2	51	31	16	441
American Indian or Native Alaskan	1										1						122	1	59	34	6	444
Asian or Pacific Islander	0										0						221	9	62	22	7	447
Hispanic	2										2						146	1	64	28	6	445
Caucasian/White	135	15	11	100	74	20	15	0	0	451	135	11	74	15	0	451	12684	5	66	24	5	446
Not Reported	0										0						0					
Identified disability																						
Yes	15	1	7	4	27	10	67	0	0	441	15	7	27	67	0	441	2211	1	39	42	18	439
No	128	14	11	102	80	12	9	0	0	452	128	11	80	9	0	452	11370	6	71	20	3	448
Current LEP																						
Yes	1										1						357	3	42	36	19	440
No	142	15	11	105	74	22	15	0	0	451	142	11	74	15	0	451	13224	5	66	24	5	446
Economically disadvantaged																						
Yes	14	0	0	10	71	4	29	0	0	447	14	0	71	29	0	447	5677	2	57	32	9	443
No	129	15	12	96	74	18	14	0	0	452	129	12	74	14	0	452	7904	7	72	18	3	448
Migrant																						
Yes	0										0						6	0	67	33	0	445
No	143	15	10	106	74	22	15	0	0	451	143	10	74	15	0	451	13575	5	66	24	6	446
Gender																						
Female	73	11	15	51	70	11	15	0	0	452	73	15	70	15	0	452	6580	7	68	21	5	448
Male	70	4	6	55	79	11	16	0	0	450	70	6	79	16	0	450	7001	3	64	27	6	445
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						2127	1	48	42	9	441
No	143	15	10	106	74	22	15	0	0	451	143	10	74	15	0	451	11454	6	69	20	5	447
Gifted/talented program																						
Yes	0										0						324	27	72	1	0	458
No	143	15	10	106	74	22	15	0	0	451	143	10	74	15	0	451	13257	4	65	24	6	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	4	2	45	36	17	441
B. less than one hour	78	14	13	83	74	15	13	0	0	452	78	13	74	13	0	452	75	5	67	23	4	447
C. one to two hours	19	1	4	21	78	5	19	0	0	451	19	4	78	19	0	451	18	5	67	23	5	447
D. more than two hours	2	0	0	2	67	1	33	0	0	443	2	0	67	33	0	443	2	3	45	36	16	442
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	42	11	18	45	75	4	7	0	0	454	42	18	75	7	0	454	40	8	71	17	4	449
B. good	48	4	6	49	72	15	22	0	0	449	48	6	72	22	0	449	45	3	66	25	5	446
C. fair	9	0	0	10	77	3	23	0	0	447	9	0	77	23	0	447	13	1	54	35	10	442
D. poor	1	0	0	1	100	0	0	0	0	448	1	0	100	0	0	448	2	0	39	42	19	439
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	7	19	21	58	8	22	0	0	453	25	19	58	22	0	453	31	8	69	19	4	448
B. They match some of what I have learned.	62	8	9	73	82	8	9	0	0	452	62	9	82	9	0	452	53	4	68	23	4	447
C. They match just a little of what I have learned.	9	0	0	9	69	4	31	0	0	445	9	0	69	31	0	445	11	2	54	35	10	442
D. There is no match.	3	0	0	3	60	2	40	0	0	442	3	0	60	40	0	442	4	1	39	40	20	439
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	15	1	5	16	73	5	23	0	0	449	15	5	73	23	0	449	19	4	54	31	11	443
B. about the same as my regular schoolwork	69	12	12	72	73	14	14	0	0	451	69	12	73	14	0	451	63	6	69	22	4	447
C. easier than my regular schoolwork	16	2	9	18	78	3	13	0	0	452	16	9	78	13	0	452	18	4	68	23	5	446
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	8	0	0	6	50	6	50	0	0	443	8	0	50	50	0	443	13	0	39	43	17	439
B. Most of the passages were about the same as what I normally read.	47	6	9	52	78	9	13	0	0	450	47	9	78	13	0	450	52	4	69	24	4	446
C. Most of the passages were easier than what I normally read.	45	9	14	48	75	7	11	0	0	453	45	14	75	11	0	453	35	9	72	16	3	449
How much time do you spend reading at home each day?																						
A. more than one hour	22	5	16	25	78	2	6	0	0	454	22	16	78	6	0	454	21	8	68	19	5	448
B. 20 minutes to an hour	67	9	9	70	73	17	18	0	0	451	67	9	73	18	0	451	55	5	70	21	4	447
C. less than 20 minutes	6	1	13	6	75	1	13	0	0	451	6	13	75	13	0	451	13	2	57	33	8	443
D. I rarely read at home.	5	0	0	5	71	2	29	0	0	444	5	0	71	29	0	444	11	1	51	37	11	442
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	14	3	15	15	75	2	10	0	0	453	14	15	75	10	0	453	25	3	59	30	8	444
B. six to ten pages	28	3	8	28	72	8	21	0	0	449	28	8	72	21	0	449	24	4	64	26	6	445
C. eleven or more pages	58	9	11	60	74	12	15	0	0	452	58	11	74	15	0	452	51	7	70	20	4	448
Optional school/SAU question																						
A.	50	0	0	1	100	0	0	0	0	450	50	0	100	0	0	450						
B.	0										0											
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	448	50	0	100	0	0	448						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007	23	15	23	15	1054	8
	2007-2008	27	17	27	17	1321	9
	2008-2009	54	38	54	38	1712	13
	Cum. Total*	104	23	104	23	4087	10
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 442–460)	2006-2007	100	67	100	67	7394	53
	2007-2008	100	64	100	64	7079	51
	2008-2009	84	58	84	58	7270	53
	Cum. Total*	284	63	284	63	21743	52
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007	21	14	21	14	3729	27
	2007-2008	27	17	27	17	3955	28
	2008-2009	4	3	4	3	3219	24
	Cum. Total*	52	12	52	12	10903	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007	5	3	5	3	1735	12
	2007-2008	2	1	2	1	1642	12
	2008-2009	2	1	2	1	1408	10
	Cum. Total*	9	2	9	2	4785	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	38.1	79.4	38.1	79.4	30.8	64.2
A. Number	20	42	16.0	80.0	16.0	80.0	12.5	62.5
B. Data	8	17	6.4	80.0	6.4	80.0	5.3	66.3
C. Geometry	10	21	7.8	78.0	7.8	78.0	6.5	65.0
D. Algebra	10	21	7.9	79.0	7.9	79.0	6.5	65.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 4
 SAU: York School Department
 School: Coastal Ridge Elementary

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	144	54	38	84	58	4	3	2	1	458	144	38	58	3	1	458	13609	13	53	24	10	446
Ethnicity																						
African American/Black	5	0	0	5	100	0	0	0	0	450	5	0	100	0	0	450	415	5	41	30	24	439
American Indian or Native Alaskan	1										1						123	12	46	28	13	445
Asian or Pacific Islander	1										1						225	22	45	20	12	448
Hispanic	2										2						147	3	58	30	10	443
Caucasian/White	135	53	39	76	56	4	3	2	1	459	135	39	56	3	1	459	12699	13	54	23	10	447
Not Reported	0										0						0					
Identified disability																						
Yes	15	1	7	10	67	2	13	2	13	445	15	7	67	13	13	445	2227	3	34	33	30	437
No	129	53	41	74	57	2	2	0	0	460	129	41	57	2	0	460	11382	14	57	22	7	448
Current LEP																						
Yes	2										2						370	7	35	31	27	439
No	142	54	38	83	58	4	3	1	1	459	142	38	58	3	1	459	13239	13	54	23	10	447
Economically disadvantaged																						
Yes	14	2	14	11	79	1	7	0	0	455	14	14	79	7	0	455	5704	6	48	30	16	442
No	130	52	40	73	56	3	2	2	2	459	130	40	56	2	2	459	7905	18	57	19	6	450
Migrant																						
Yes	0										0						6	17	33	50	0	448
No	144	54	38	84	58	4	3	2	1	458	144	38	58	3	1	458	13603	13	53	24	10	446
Gender																						
Female	73	28	38	40	55	3	4	2	3	458	73	38	55	4	3	458	6591	12	54	24	11	446
Male	71	26	37	44	62	1	1	0	0	459	71	37	62	1	0	459	7018	13	53	24	10	447
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						2131	3	41	38	18	440
No	144	54	38	84	58	4	3	2	1	458	144	38	58	3	1	458	11478	14	56	21	9	448
Gifted/talented program																						
Yes	0										0						324	64	34	2	0	464
No	144	54	38	84	58	4	3	2	1	458	144	38	58	3	1	458	13285	11	54	24	11	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 4
SAU: York School Department
School: Coastal Ridge Elementary

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	444	1	0	100	0	0	444	4	4	37	30	28	438
B. less than one hour	78	42	37	67	59	3	3	1	1	459	78	37	59	3	1	459	75	13	55	23	9	447
C. one to two hours	19	11	41	14	52	1	4	1	4	458	19	41	52	4	4	458	18	12	54	24	10	446
D. more than two hours	2	1	33	2	67	0	0	0	0	454	2	33	67	0	0	454	2	7	39	29	25	440
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	28	50	24	43	3	5	1	2	461	39	50	43	5	2	461	37	22	56	16	7	451
B. good	49	24	34	45	64	0	0	1	1	458	49	34	64	0	1	458	45	9	56	25	9	446
C. fair	10	1	7	14	93	0	0	0	0	452	10	7	93	0	0	452	14	3	46	34	17	440
D. poor	2	1	33	1	33	1	33	0	0	451	2	33	33	33	0	451	3	2	33	35	29	436
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	44	28	44	34	54	0	0	1	2	461	44	44	54	0	2	461	35	19	56	19	7	450
B. They match some of what I have learned.	49	24	34	44	62	3	4	0	0	458	49	34	62	4	0	458	51	11	56	25	8	446
C. They match just a little of what I have learned.	6	2	22	6	67	0	0	1	11	451	6	22	67	0	11	451	10	5	43	31	21	440
D. There is no match.	1	0	0	0	0	1	100	0	0	430	1	0	0	100	0	430	4	3	26	33	37	434
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	11	4	25	9	56	2	13	1	6	454	11	25	56	13	6	454	17	5	44	31	20	441
B. about the same as my regular schoolwork	61	35	40	51	58	2	2	0	0	459	61	40	58	2	0	459	62	13	57	23	7	448
C. easier than my regular schoolwork	28	15	38	24	60	0	0	1	3	459	28	38	60	0	3	459	21	18	53	19	10	449
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	2	67	1	33	0	0	0	0	459	2	67	33	0	0	459	7	6	36	32	27	438
B. 30–45 minutes	9	3	23	8	62	0	0	2	15	449	9	23	62	0	15	449	25	7	52	28	12	444
C. 45–60 minutes	47	24	35	42	62	2	3	0	0	459	47	35	62	3	0	459	38	14	56	22	8	448
D. more than 60 minutes	42	25	42	33	55	2	3	0	0	460	42	42	55	3	0	460	30	18	56	19	7	449
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	2	67	0	0	1	33	443	2	0	67	0	33	443	3	4	36	31	28	438
B. two or three days a week	19	12	43	15	54	1	4	0	0	460	19	43	54	4	0	460	12	13	51	26	10	446
C. two or three times each month	49	26	37	42	60	2	3	0	0	459	49	37	60	3	0	459	32	15	58	20	7	449
D. never or almost never	30	16	37	25	58	1	2	1	2	458	30	37	58	2	2	458	53	11	53	25	11	446
How often do you use hands-on materials in mathematics class?																						
A. almost every day	37	17	32	33	62	1	2	2	4	457	37	32	62	2	4	457	26	12	50	25	13	445
B. two or three days a week	44	26	41	35	56	2	3	0	0	460	44	41	56	3	0	460	32	14	57	21	7	448
C. two or three times each month	15	10	45	11	50	1	5	0	0	458	15	45	50	5	0	458	26	13	56	22	8	448
D. never or almost never	4	1	17	5	83	0	0	0	0	456	4	17	83	0	0	456	17	9	50	27	13	444
Optional school/SAU question																						
A.	50	1	100	0	0	0	0	0	0	462	50	100	0	0	0	462						
B.	0										0											
C.	0										0											
D.	50	1	100	0	0	0	0	0	0	464	50	100	0	0	0	464						

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